

Experience Innovation with
HOLLOWCORE

LIGHTER • STRONGER • MORE PROFILES



Applicable for:

- Residential
- Commercial
- Industrial
- Institutional
- Agricultural
- Civil



FRITZ-ALDER
P R E C A S T

Make us a part of your team

What is Hollowcore?

Hollowcore is extruded **pre-stressed precast concrete** used for floor and roof systems. The pre-stressed strands reduce the amount of reinforcement typically required for comparable spans. The slabs have continuous voids throughout, reducing weight, increasing load capacity and lowering cost.

Hollowcore is engineered in such a way that, despite having voids, the product delivers immense strength and load bearing capability.

The Fritz-Alder Precast advantage

Fritz-Alder Precast introduces the world's most advanced technology, **shear compaction**, to the Ontario market. Shear compaction eliminates vibrating in the extruder resulting in controlled consistency between slabs and **greatly reducing differential camber**.

Our hollowcore equipment provides maximum flexibility with sections, strand patterns and thicknesses (6" - 16"). Fritz-Alder Precast offers clients the most hollowcore options in the market to best match your project requirements.

Quality and Precision

Our promise to our customers; **be relentless in our pursuit of quality and precision**, from design to manufacturing to installation.

Benefits of Hollowcore

- **Consistent quality & precision**
- **Controlled casting conditions**
- **Exceeds provincial fire ratings**
- **Sound resistant**
- **Longest span to depth ratios**
- **Void allow access for trades**
- **Can be used as finished ceilings**
- **Fewer man hours on site**
 - **Reduces project risk**
- **All weather installation**
- **Speed of construction**

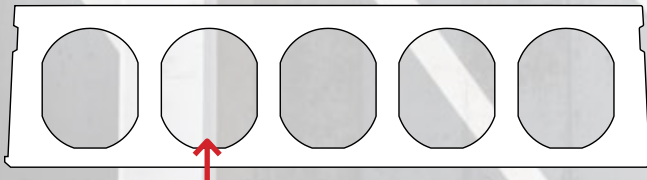


LIGHTER, STRONGER, MORE PROFILES

*More efficient,
Superior loading,
Reduced differential
camber,*

*Your project
deserves
the best!*

*Fritz-Alder Precast's state of the art
manufacturing facility enables production
of Hollowcore slabs with **profiles unique to the industry***



Asymmetrical voids



*Hollowcore slabs can be
used as finished ceilings*

FRITZ-ALDER PRECAST 300 mm Hollowcore Metric Load Table

Simple Span - Centre to Centre of Span - Meters															
SPAN (m)	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16	16.5
Total Uniformly Distributed Load (kPa)	14.7	13.7	12.9	12.1	10.9	9.8	8.6	7.8	7.0	6.4	5.8	5.2	4.6	4.3	3.5
	14.3	13.5	12.6	11.6	10.5	9.4	8.3	7.6	6.8	6.2	5.6	4.9	4.3	3.9	3.5
	13.8	13.0	12.2	11.4	10.2	9.0	8.1	7.3	6.5	6.0	5.2	4.7	4.1	3.7	-
	14.0	12.8	11.5	10.2	9.0	8.1	7.4	6.6	5.8	5.2	4.6	4.2	3.6	3.2	-
	12.5	11.3	9.9	8.8	7.8	7.0	6.2	5.4	4.9	4.3	3.7	3.3	-	-	-

FA PRECAST



VERSUS:



COMPETITOR

MARKET AVERAGE 300 mm Hollowcore Metric Load Table

Simple Span - Centre to Centre of Span - Meters															
SPAN (m)	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16	16.5
Total Uniformly Distributed Load (kPa)	13.3	11.7	10.3	9.1	8	7.1	6.2	5.5	4.9	4.3	3.8	3.3	3	-	-
	12.7	11.2	9.8	8.6	7.1	6.7	5.9	5.2	4.6	4	3.5	3.1	2.6	-	-
	12.2	10.7	9.5	8.3	7.3	6.4	5.6	5	4.4	3.8	3.3	2.9	-	-	-
	10.1	9.25	8.1	7	6.2	5.4	4.7	4.1	3.5	3	2.6	2.2	-	-	-
	9.2	8	7	6	5.2	4.5	3.9	3.4	2.9	2.4	-	-	-	-	-

Fritz-Alder Precast

We've got this!

Elite customer service starts with a quality product that everyone can be proud of and a Fritz-Alder Precast commitment to deliver cost effective solutions to our customers.

We strive to create unique, value engineered precast possibilities for your project by combining our advanced technical knowledge with continuous innovation.



- *Trust* ▲
- *Partnership*
- *Compete*
- *Safety*

Our experience in precast

Established

1972

From barns to solar to nuclear containers to superstructures, Fritz-Alder Precast has completed projects in all different shapes and sizes. Our years of experience in the precast concrete industry dates back to 1972.

Relentless quality control from engineering through to installation

Make us a part of your team

info@faprecast.ca | www.faprecast.ca | 519-888-8354



FRITZ-ALDER
P R E C A S T

Sales & Engineering: 617 Colby Dr Unit 1, Waterloo, ON N2V 1Y9
Production: 173 Concession 6, Chepstow, ON NOG 1K0